

Hope Academy Water Sampling Lead Analysis Report

1. INTRODUCTION

1.1. GENERAL

This report presents the results of our water sampling performed at the site of Hope Academy, 12121 Broadstreet, Detroit, MI., on June 1st, 2016. The sample results taken in conjunction with this investigation are also presented on Appendix 1.

1.2. OBJECTIVES AND SCOPE

In general, the objectives of this investigation were to:

Accurately evaluate water outlets for lead above the EPA Maximum Contaminate Level (MCL).

1.3. AUTHORIZATION

Authorization was provided by phone for our Professional Services by Dr. Ronald Williams, Superintendent, on May 20^{th} , 2016.

2. SITE INVESTIGATIONS

2.1. FIELD PROGRAM

In order to sample and evaluate water, GSES took six samples, a First Draw sample and a Flush sample, from three different locations on the site.

The field portion of our investigation was under control and continual supervision of an experienced member of our field scientist staff.

2.2 LABORATORY TESTING

2.2.1. General

In accordance with ASTM D3559 and the U.S. Environmental Protection Agency guidelines for lead in drinking water at schools and child care facilities, we took two samples: first draw and flush, which is the required testing standard for drinking water lead contamination.



Results of the tests indicate that the water is below the threshold for lead contamination. A copy of the lab report and Chain of Custody is attached (Appendix 1).

3. DISCUSSIONS AND RECOMMENDATIONS

3.1. DISCUSSIONS OF FINDINGS

The water results are below the threshold for lead contamination.

We appreciate the opportunity of providing this service for you. If you have any questions concerning this report or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

Michael Etters Field Scientist

Monica Starks, CIEC Principal

Council-certified Indoor Environmental Consultant Board-awarded by the American Council for Accredited Certification



Appendix 1, Lab Results, Chain of Custody



APPENDIX 1 Laboratory Results and Chain of Custody

National Testing Laboratories, Ltd

556 South Mansfield, Ypsilanti, MI, 48197-5166 (440) 449-2525, Fax: (440) 449-8585

ANALYTICAL REPORTS

SAMPLE CODE: 356779

6/23/2016

12121 Broad Street

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-01-KC-01-P

Source City: Detroit Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

Legend:

Any 'Level Detected' marked with an asterisk (*) indicates that the value has exceeded the EPA Maximum Contaminant Level (MCL) or one of the Standards of Quality.

"ND"

This contaminant was not detected at or above our lower reporting limit (LRL)

"NA"

Not Analyzed

"Standard"

This column indicates either the Maximum Contaminant Level (MCL) for EPA Primary Standards or the guideline values for EPA

Secondary Standards.

"LRL"

This column indicates the Lower Reporting Limit, which is the lowest level that the laboratory can detect a contaminant.

"DF"

This column indicates the contaminant dilution factor.

Report Notes:

Fed ld # Conteminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Anal	ytes - Metals	ter ter er et en en grondigen et en eigenig de gelijfer gelijfergen de eller 1997 et 2004 (g.g., 2014, o.g., a	ina tanàna dia 4000 menjambahan dia 400 menandikan terdahan yapaten	
1030 Lead	200.8 0.015	mg/L 0.001	ND	1 6/1/2016 07:0	0	6/21/2016

These test results may be used for compliance purpose as required.

Analyst Tests
EC 200.8

James Abston, Operations Manager

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356779

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ANALYTICAL REPORTS

SAMPLE CODE: 356780 6/23/2016

Customer:

G. S. Group

Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-01-KC-01-F

Source City: Detroit

Source State:MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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"DF"

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Report Notes:

Fed Id # Contaminant	Method Standar	l Units	LRL	Level	DF	Date/Time	Date	Date/Time
				Detected		Sampled	Prepped	Analyzed
		Inorga	nic Anal	ytes - Metals				
1030 Lead	200.8 0.015	ma/L	0.001	0.002		6/1/2016 07:		6/21/2016

These test results may be used for compliance purpose as required.

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ANALYTICAL REPORTS

SAMPLE CODE: 356781 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-01-BBF-02-P

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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Report Notes:

Fed Id # Contaminant	Method Sta	indard Un	its LRL	Level	DF Date/Time	Date	Date/Time
				Detected	Sampled	Prepped	Analyzed
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1030 Lead	200.8 0).015 ma/	L 0.001	0.001	1 6/1/2016 07:00		6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356782 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-01-BBF-02-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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Report Notes:

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		Inorganic Anal	ytes - Metals			
1030 Lead	200.8 0.015	mg/L 0.001	0.001	1 6/1/2016 07:	00	6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356783 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-02-GBF-03-P

Source City: Detroit Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

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Report Notes:

Fed ld # Contaminant	Method Standard	Units LRL	Level Detected	DF Date/Time Sampled	Date Prepped	Date/Time Analyzed
		Inorganic Anal	ytes - Metals	and the all the another than the collection of the professional and the profession and the profession at the securion (), a		
1030 Lead	200.8 0.015	mg/L 0,001	0.001	1 6/1/2016 07:0	0	6/21/2016

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ANALYTICAL REPORTS

SAMPLE CODE: 356784 6/23/2016

Customer:

G. S. Group Monica Starks

17800 Woodward Ave #200

Detroit, MI 48203

Source:

Hope Academy School, S-02-GBF-03-F

Source City: Detroit

Source State: MI

Date/Time Received:

6/15/2016 15:00

Collected by:

A. Hayden

The results herein conform to TNI and ISO/IEC 17025:2005 standards, where applicable, unless otherwise narrated in the body of the report. The uncertainty of the test results are available upon request. All Dates and Times are reported as U.S. Eastern Time.

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Not Analyzed

"Standard"

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Report Notes:

Fed Id # Contaminant	Method Standard	Units	LRL	Level Detected	DF	Date/Time Sampled	Date Prepped	Date/Time Analyzed	
1030 Lead	200.8 0,015	Inorga mg/L	nic Anal	ytes - Metals 0.001	ı	6/1/2016 07:	Y o	6/21/2016	

These test results may be used for compliance purpose as required.

Analyst Tests EC 200.8

James Abston, Operations Manager

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General Compliance

Order Number: Order Date:

2077504 05/16/2016

356779

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

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	Pagestaria	For Laboratory Use ONLY
		ab Accounting Information:
vard Ave	9203	ayment \$:
NII 4		Check #:
	Γ	ab Comments/Special Instructions:
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Source Type: Spring Well	Municipal Surface	Date Reconstruction
Other:		Time Received: 15:60
Detroit MI		Received By:
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Sample Collected By: Aaron (P	layden	
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

356780

Sample Number:

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF

Sold To:	ISK: EF	
G. S. Group Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 6 / 1 /	16	Lab Comments/Special Instructions:
Time Sampled: 7:00	Please Use Maltary Time, e g 3 00pm = 15.00	
Check Time Zone: SEST	CST MST PST	
Client Name: Hope	Academy - School	
Address 1212		
	34 ~ 0054	
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Sample Collected By:	(Signature)	Sample receipt criteria che ked & acceptable. Deviations from acceptable sample receipt criteria noted on PSA form
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Form Completed By: Asc.		
Additional Comments: The location Sa	al die ei	
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Quality Water Analysis

1-800-458-3330

General Compliance

Order Number: Order Date:

2077504 05/16/2016

Sample Number:

356781

Product:

Lead Only

Sample Paid: No

Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks 17800 Woodward Ave Lab Accounting Information: Detroit MI 48203 Payment \$: Check #: Lab Comments/Special Instructions: Date Sampled : 6 / 1 / 16 Time Sampled: 7:00 Please Use Military Time, e.g. 3 00pm = 15 00 Check Time Zone.

✓ EST

CST

MST

PST Client Name: Hope Academy - School Address 12121 Brodstreet **♀** Number: 313-934-0054 PWS ID# (if applicable): State Forms: Sample ID or Source: 5-01-BBF-02-P Lab Sample Information: Source Type: Spring Well Municipal Surface 7 JUN 1,5 2016 Date Received: Other: Time Received: City & State: Detroit MI Received By: Sample Collected By: Sample receipt criteria checked & acceptable Deviations from acceptable sample receipt criteria noted on PSA form Sample Collected By: Form Completed By: Aaron Hayden **Additional Comments:** The location Sampled is a School, This is Sample #2 First Draw

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077504

Order Date: Sample Number:

05/16/2016

356782

Product:

Lead Only

Sample Paid: No

Payment Method:

Sold To:	TSR: EF	
G. S. Group Monica Starks		For Laboratory Use ONLY
17800 Woodward Ave		Lab Accounting Information:
Detroit	MI 48203	Payment \$:
		Check #:
Date Sampled : 6 / 1 /		Lab Comments/Special Instructions:
Time Sampled: 7 :00	Please Use Military Time, e.g. 3 00pm = 15 00	
Check Time Zone EST	CST MST PST	
Client Name: Hope A	Lademy - School	
12121	Broadstreet	
Number: 313 - 934	L-0054	
PWS ID# (if applicable):	NA	State Forms:
Sample ID or Source:	5-02-BBF-02-F	
Source Type: Spring	Well Municipal Surface	Lab Sample Information:
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City & State: <u>Petroit</u>	MT Different than Above)	Time Received: 15:00 Received By: Wall
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ample Collected By:	eron Haydes (Please Print)	UII PSA IOIIII.
orm Completed By:	on Hayden	
ditional Comments: The location Sam	pled is a School, This	is Sample # 2
Flush		

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077504

356783

Order Date:

Sample Paid: No

05/16/2016

Sample Number:

Product:

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Lead Only
Payment Method:

TSR: EF Sold To: G. S. Group For Laboratory Use ONLY Monica Starks 17800 Woodward Ave Lab Accounting Information: Detroit MI 48203 Payment \$: Check #: Lab Comments/Special Instructions: Date Sampled : 6 / 1 / 16 Time Sampled: 7:06 Please Use Military Time, e.g. 3 00pm = 15.00 Check Time Zone: SEST CST MST PST Client Name: Hope Academy - School Address 12121 Broad Street السخة Number: 313 - 934 - 0054 PWS ID# (if applicable): State Forms: Sample ID or Source: 5-02-68F-03-P Lab Sample Information: Source Type: Spring Well Municipal Surface JUN 1 5 2016 Date Received: Other. Time Received: City & State: Detroit MI (If Different than Above) Received By: Sample receipt criteria che ked & acceptable Sample Collected By: Deviations from acceptable sample receipt criteria noted on PSA form Sample Collected By: Hayden (Please Pnnt) Form Completed By: Haron Additional Comments: location Sampled is a School, This is Sample #3 First draw

Quality Water Analysis

1-800-458-3330

General Compliance

Order Number:

2077504

Order Date: Sample Number:

05/16/2016

Product:

Lead Only

35	6784	89 I 88 ma
35		

Sold To: G. S. Group	Sample Paid: TSR: EF	No	Payment Method:
Monica Starks			For Laboratory Use ONLY
17800 Woodward Ave Detroit			Lab Accounting Information:
Mi 48	203		Payment \$:
			Check #:
Date Sampled: 6 / 1 / 16			Lab Comments/Special Instructions:
Time Sampled: 7 : 00 Please Use Multary	Time, e.g. 3.00pm = 15.00		
Check Time Zone: MEST CST MST PS	ST		
Address Hope Academy -	school	Mark Company	
12121 Broadstre	e+		
Number: 313-934-0054		MATERIAL CONTRACTOR	
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Sample ID or Source: S-02-6-8F-	03-F	L	
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orm Completed By: Auron Hayden			
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Flush		<u>\$</u>]	3 sample # 3